








50 SEQUENCE 1920 BP; 422 A; 561 C; 550 G; 387 T; 0 OTHER.

Query Match	99.3%;	Score 1108;	DB 3;	Length 1920;
Best Local Similarity	99.6%;	Pred. No. 0.00e+00;		
Matches 1112; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

Dp	115	ATGGCTTCACACCTGTAGANTTACCAACATTTTATGACACTTACGTCAGTACAGC	174
Oy	1	ATGGCTGCACACCTGTAGATTACCAACATTTTATGACACTTACGTCAGTACAGC	60
Dp	175	TCGGAGACTCCACCTTGGCTCTGTTCCTCCCTGCTGCCACTTTTGGGGCGATGACTG	234
Oy	61	TCGGAGAGACTCAGCTGTGCTCTGTTCCTCCCTGCTGCCACTTTTGGGGCGATGACTG	120
Dp	235	GTACTGACCCCTGAGCAACCCCGATGATTTGAGGGGTACGAGAAAGGCTAGCGGTG	294
Oy	121	GTACTGACCCCTGAGCAACCCCGATGATTTGAGGGGTACGAGAAAGGCTAGCGGTG	180
Dp	295	GGGGAAACAGCCCCAGTTCGTGTGTAAGAGCGAGAGTTCGTGACGTGATCAGTACCAAGTG	354
Oy	181	GGGGAAACAGCCCCAGTTCGTGTGTAAGAGCGAGAGTTCGTGACGTGATCAGTACCAAGTG	240
Dp	355	GAGAGAAACAGTACGACGCGCAAGCCCATTTGACTTCTACGATGTGACATGAGTGGGCC	414
Oy	241	GAGAGAAACAGTACGACGCGCAAGCCCATTTGACTTCTACGATGTGACATGAGTGGGCC	300
Dp	415	ACCCCTGCAGTATGTGCCCTTGGAGAGCTGGCGCTGGCTTTTGGGCCCTGCGGGGACCA	474
Oy	301	ACCCCTGCAGTATGTGCCCTTGGAGAGCTGGCGCTGGCTTTTGGGCCCTGCGGGGACCA	360
Dp	475	CTCCATGCCAGCTGGAGAGACCTCACTTCAGCTCTTCTGATGAGCTCAGTTGATCATT	534
Oy	361	CTCCATGCCAGCTGGAGAGACCTCACTTCAGCTCTTCTGATGAGCTCAGTTGATCATT	420
Dp	535	GAGCTGTGGAAGAAGATGGCATGCGCTTCTCAGAGAGCCCTTAGACCAGGCGCTTTGAC	594
Oy	421	GAGCTGTGGAAGAAGATGGCATGCGCTTCTCAGAGAGCCCTTAGACCAGGCGCTTTGAC	480
Dp	595	CAGGAGCAGCCCCCTTGGCCAGAGAGCTGTGTAAGAGAGGTGACACAAGCCAGCCCTCAGAC	654
Oy	481	CAGGAGCAGCCCCCTTGGCCAGAGAGCTGTGTAAGAGAGGTGACACAAGCCAGCCCTCAGAC	540
Dp	655	CCGGGACGCTGTGGCGCAGAGAGCCCTCCCTCGCAGCTGTGACGTCTCCACCGCAGGG	714
Oy	541	CCGGGACGCTGTGGCGCAGAGAGCCCTCCCTCGCAGCTGTGACGTCTCCACCGCAGGG	600
Dp	715	ACTGTGTCTTCTGGGAGCTTCCACTCTCTTCAAGACTCGGGTGGAGGTGAGTGGACTGGAT	774
Oy	601	ACTGTGTCTTCTGGGAGCTTCCACTCTCTTCAAGACTCGGGTGGAGGTGAGTGGACTGGAT	660
Dp	775	CCCACTGATGGCAAGCTCTCCACGACGATGGTTTCGTGATGCGAAGAAGGGGGATATCC	834
Oy	661	CCCACTGATGGCAAGCTCTCCACGACGATGGTTTCGTGATGCGAAGAAGGGGGATATCC	720
Dp	835	AAGCAGCGGAAGCGGAAGCGAGGCGCGCCCGCAAAAGCTGAGCAAAAGAGTACTGGAGCTGT	894
Oy	721	AAGCAGCGGAAGCGGAAGCGAGGCGCGCCCGCAAAAGCTGAGCAAAAGAGTACTGGAGCTGT	780
Dp	895	CTCGAGGGGCAAGAAGACGACAGCGGGCCCAAGAGCACCACCTGTGGAGTTTCAATCCGG	954
Oy	781	CTCGAGGGGCAAGAAGACGACAGCGGGCCCAAGAGCACCACCTGTGGAGTTTCAATCCGG	840
Dp	955	GACATCCCTCATCACCCGAGGCTCAACGAGAGGGGCTCATGAATGGGAGAGATGGCGATGA	1014
Oy	841	GACATCCCTCATCACCCGAGGCTCAACGAGAGGGGCTCATGAATGGGAGAGATGGCGATGA	900
Dp	1015	GGCGTCTTCAAGTTCTCGGCTCGAGGCTGTGGCCCAACTATGGGGGCTAAAAGAAAAG	1074
Oy	901	GGCGTCTTCAAGTTCTCGGCTCGAGGCTGTGGCCCAACTATGGGGGCTAAAAGAAAAG	960
Dp	1075	AACGACCAACTGACCTACGAGAGCTGAGCGGGCCATAGTACTACTACAAACGGGAG	1134
Oy	961	AACGACCAACTGACCTACGAGAGCTGAGCGGGCCATAGTACTACTACAAACGGGAG	1020

Db	1135	ATCTGGAAAGGGGATGTGGCCGGCAGCTGTATCAAGTTTGGCAAAAACCTCAAGCGC	1194
Qy	1021	ATCTGGAAAGGGGATGTGGCCGGCAGCTGTATCAAGTTTGGCAAAAACCTCAAGCGC	1080
Db	1195	TGGAAGGAGGAAGGTTCTCCAGACTGCGAAGCTGA	1230
Qy	1081	TGGAAGGAGGAAGGTTCTCCAGACTGCGAAGCTGA	1116

RESULT 2
TC-00-033-453-14 STANDARD, DNA, HIVC, 7310 BP

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AC      xxxxxx
DE      Sequence 14, Application US/08232463
CE      Sequence 14, Application US/08232463
CC      Patent No. 5670367
CC      GENERAL INFORMATION:
CC      APPLICANT: DORNER, F.
CC      APPLICANT: SCHEIFLINGER, F.
CC      APPLICANT: FALKNER, F. G.
CC      TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
CC      NUMBER OF SEQUENCES: 52
CC      CORRESPONDENCE ADDRESS:
CC      ADDRESSEE: Foley & Lardner
CC      STREET: 1800 Diagonal Road, Suite 500
CC      CITY: Alexandria
CC      STATE: VA
CC      COUNTRY: USA
CC      ZIP: 22313-0299
CC      COMPUTER READABLE FORM:
CC      MEDIUM TYPE: Floppy disk
CC      COMPUTER: IBM PC compatible
CC      OPERATING SYSTEM: PC-DOS/MS-DOS
CC      SOFTWARE: Patent in Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: US/08/232,463
CC      FILING DATE:
CC      CLASSIFICATION: 435
CC      PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER: US/07/935, 313
CC      FILING DATE:
CC      APPLICATION NUMBER: EP 91 114 300.6
CC      FILING DATE: 26-AUG-1991
CC      ATTORNEY/AGENT INFORMATION:
CC      NAME: BENT, Stephen A.
CC      REGISTRATION NUMBER: 29,768
CC      REFERENCE/DOCKET NUMBER: 30472/114 IMMU
CC      TELECOMMUNICATION INFORMATION:
CC      TELEPHONE: (703)836-9300
CC      TELEFAX: (703)683-4109
CC      TELEX: 899149
CC      INFORMATION FOR SEQ ID NO: 14:
CC      SEQUENCE CHARACTERISTICS:
CC      LENGTH: 7218 base pairs
CC      TYPE: nucleic acid
CC      STRANDEDNESS: single
CC      TOPOLOGY: linear
CC      IMMEDIATE SOURCE:
CC      CLONE: pTZ9PT-F15
SQ      SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.

Query Match          7.3%; Score 82; DB 2; Length 7218;
Best Local Similarity 1.3%; Pred. NO. 1.30e-40;
Matches      5; Conservative 224; Mismatches 147; Indels 0; Gaps 0

Db      1059 CTTGGCATYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1118
Cp      1104 CTGGAGAACCTCTTCCTCCAGCGCGCTGAGTTTTCGCAACCTGTGAGCAGACTCG 1045
Db      1119 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1178
Cp      1044 CCGGCATTCACCCGTTCCAGGACTCCCGTTTGAGTAGTCACTCAGGCCGCGCTAG 985

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